

SPE RESPONSE FOR CERTIFICATE OF CORRECTION

Paper No.:

DATE : 12/08/05

TO SPE OF : ART UNIT

SUBJECT : Request for Certificate of Correction on Patent No.: 09/870698 6919880

A response is requested with respect to the accompanying request for a certificate of correction.

Please complete this form and return with file, within 7 days to:

Palm location 7580, Certificates of Correction Branch – South Tower – 9A22

If response is for an IFW, return to employee (named below) via PUBSCofC Team in MADRAS.

With respect to the change(s) requested, correcting Office and/or Applicant's errors, should the patent read as shown in the certificate of correction (COCIN)? No new matter should be introduced, nor should the scope or meaning of the claims be changed.

Thank You For Your Assistance

Angela Green
Certificates of Correction Branch
Tel. No. 703-305-9380 ext. 123

The request for issuing the above-identified correction(s) is hereby:

Note your decision on the appropriate box.

 **Approved**

All changes apply.

☐ **Approved in Part**

Specify below which changes do not apply.

☐ Denied

State the reasons for denial below.

Comments:

RICHARD H. FERPE

SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

SPE

Art Unit

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In ~~the~~ Application of:

GERALD MORRISON, ET AL.

Patent No.: 6,919,880

Issue Date: July 19, 2005

Application No.: 09/870,698

Filed: June 1, 2001

**For: CALCULATING CAMERA OFFSETS
TO FACILITATE OBJECT POSITION
DETERMINATION USING
TRIANGULATION**

Examiner: Kimnhung T. Nguyen

Group Art Unit: 2674

Confirmation No.: 1792

November 29, 2005

Certificate of Corrections
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Certificate
DEC 02 2005
of Correction

**CERTIFICATE OF CORRECTION
UNDER RULE 323**

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to mistakes of a clerical, typographical, or minor character. While most of the errors were the fault of the Office, at least one was not. Therefore, this request is being made under Rule 323.

11/30/2005 CNGUYEN 00000033 501710 6919880

01 FC:1811 100.00 DA

Doc #:WAS01 (213202-00415) 41599651v1;05/26/2005/Time:15:35

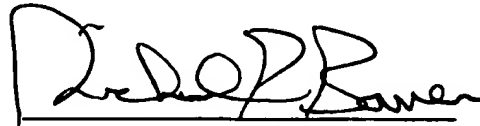
Approved by Examiner
KN
6/27/06

DEC 5 2005

Please charge the \$100.00 statutory fee for this Certificate of Correction to Deposit Account No. 50-1710. Also, the Commissioner is authorized to charge any additional fees deemed appropriate and make any refunds to the same Deposit Account. A duplicate copy of the proposed Certificate of Correction is enclosed.

Patentees' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3500. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Richard P. Bauer", written over a horizontal line.

Attorney for Patentees

Richard P. Bauer

Registration No. 31,588

PATENT ADMINISTRATOR
KATTEN MUCHIN ROSENMAN LLP
525 West Monroe Street
Chicago, Illinois 60661-3693
Facsimile: (312) 902-1061

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO: 6,919,880
ISSUED: July 19, 2005
INVENTOR(S): Gerald Morrison and David Holmgren

It is certified that errors appear in the above-mentioned patent and that said Letters Patent is hereby corrected as shown below:

On the Cover Page, in the Title, “ (54) CALIBRATING CAMERA OFFSETS TO FACILITATE OBJECT POSITION DETERMINATION USING TRIANGULATION” should read -- (54) CALCULATING CAMERA OFFSETS TO FACILITATE OBJECT POSITION DETERMINATION USING TRIANGULATION--.

On the Cover Page, “(73) Assignee: Smart Technologies Inc. (CA)” should read --SMART Technologies Inc (CA).--.

On the Cover Page, in the abstract, line 9, “at least two cameras at least one location” should read --at least two cameras at at least one location--.

Column 4, line 12, “determine the position of the object” should read --determining the position of the object--.

Column 5, line 24, “the touch is system” should read --the touch system--.

Column 5, line 52, “based on CMOS digital care” should read --based on CMOS digital camera--.

Column 6, line 22, Equation (0.1), “ $2(x/a)\tan$ ” portion of equation needs to be part of the numerator.

Column 6, line 58, “edge of the touch surface” should read --edges of the touch surface--.

Column 8, line 5, Equation (0.16), “ x_{cam} ” portion of equation needs to be part of the numerator.

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Column 8, line 5, Equation (0.16) – “ x_{cam} ” portion of equation needs to be part of the numerator.

Column 8, line 65, “ $A\bar{x} = \bar{b}$ ” should read -- $A\vec{x} = \vec{b}$ --.

Column 9, line 2, “ $\bar{x} = A^{-1}\bar{b}$ ” should read -- $\vec{x} = A^{-1}\vec{b}$ --.

Column 9, line 20, Equation (0.20), “ $A^T A\bar{x} = A^T \bar{b}$ ” should read -- $A^T A\vec{x} = A^T \vec{b}$ --.

Column 9, line 22, Equation (0.20), “ $\bar{x} = (A^T A)^{-1} A^T \bar{b}$ ” should read -- $\vec{x} = (A^T A)^{-1} A^T \vec{b}$ --.

Column 9, line 26, Equation (0.21), “ $\bar{x} = A^T (AA^T)^{-1} \bar{b}$ ” should read -- $\vec{x} = A^T (AA^T)^{-1} \vec{b}$ --.

Column 9, line 37, “when translation” should read --when triangulation--.

Column 10, line 52, “correction vector \bar{x} ” should read --correction vector \vec{x} --.

Column 10, line 54, Equation (1.5), “ $\bar{x} = A^T (AA^T + I/V)^{-1} \bar{b}$ ” should read --
 $\vec{x} = A^T (AA^T + I/V)^{-1} \vec{b}$ --.

Column 11, line 20, Equation (2.0), numerator “ $y_i - y_c^i$ ” should read -- $y_i - y_c^i$ --.

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Column 14, line 62, "multiple triangular" should read --multiple triangulation--.

Column 14, lines 64-65, "device to determine offset angles of said imaging devices prior to" should read --device to determine offset angles of said imaging device prior to--.

Column 15, lines 25-26, "by determining offset angles of said imaging devices to compensate for fields of view of said imaging devices" should read --by determining offset angles of said imaging devices to compensate for fields of view of imaging devices--.

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In the Drawings, Figure 2, "62a" should read -60a--.

In the Drawings, Figure 2, "62b" should read -60b--.

U.S. Patent

Jul. 19, 2005

Sheet 2 of 3

US 6,919,880 B2

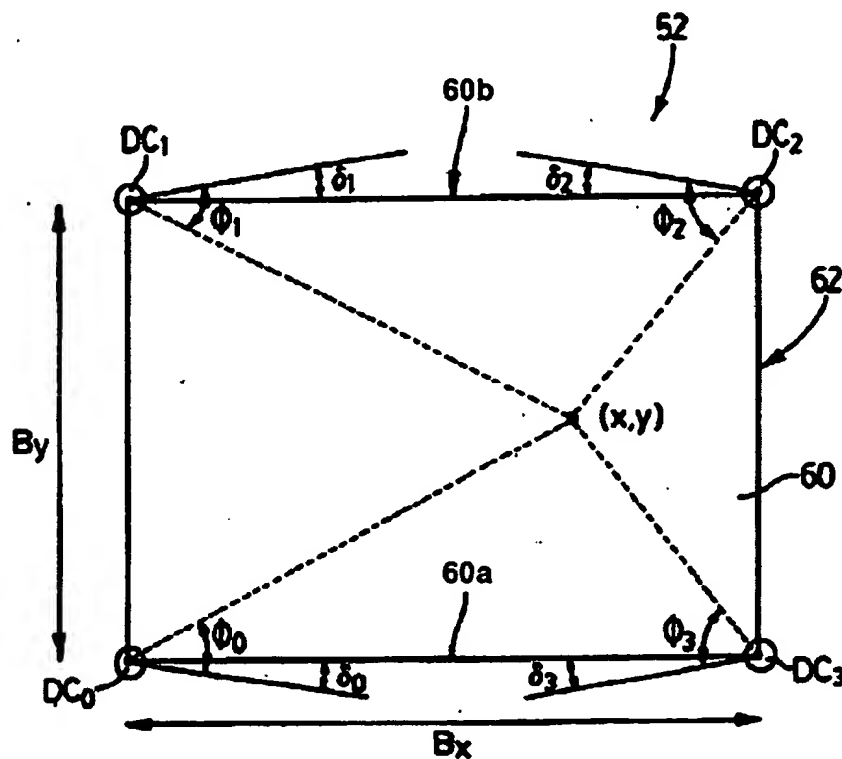


FIG. 2

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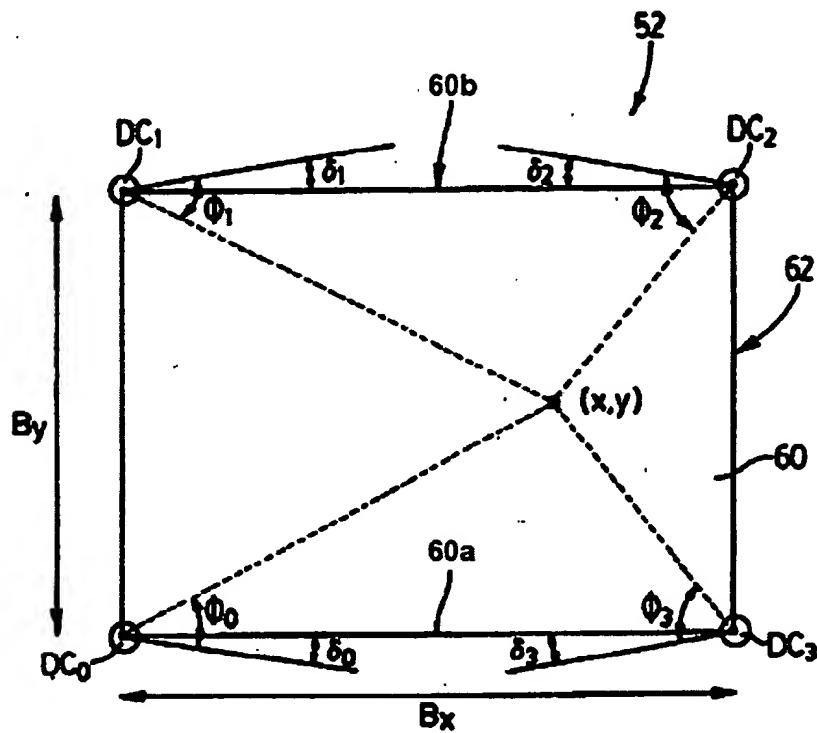
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On the Cover Page, in the Representative Drawing, "62 a" should read --60a--.
On the Cover Page, in the Representative Drawing, "62 b" should read --60b--.



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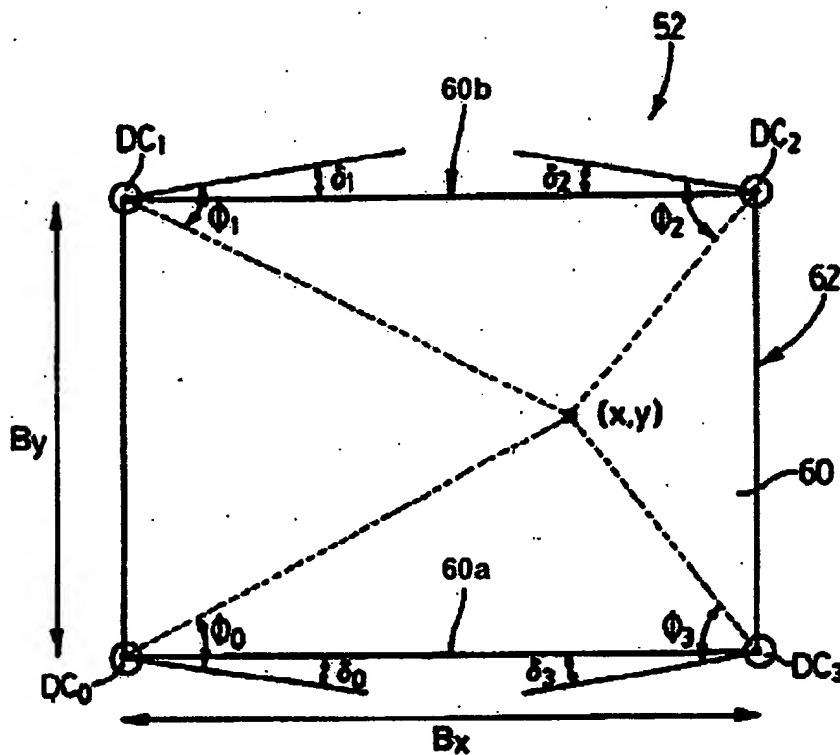


FIG. 2

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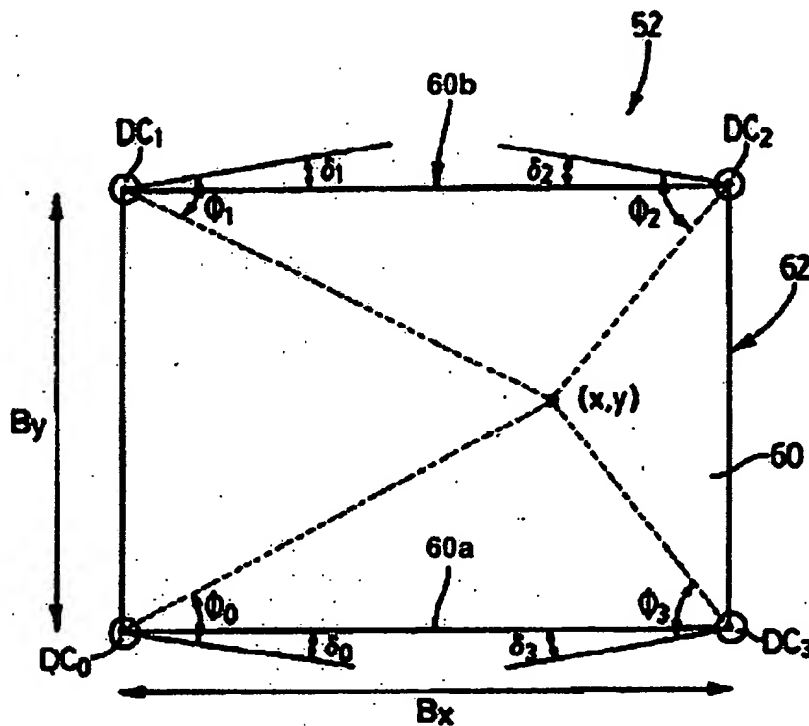
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